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~~Morris D. Friedman~~
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Order from LC or SLA ml511.10, ph\$69.60 61-1935

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This book is a training manual for the course "Electro-
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program of the radio-engineering faculties of the higher
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is based on a series of lectures given from 1946 to
1958 in the department of radio engineering of the
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of the manual should furnish the student with the knowl-
edge required to understand the operation of the auto-
matic and computing devices used in aircraft radars and
the basic principles governing their design. (Author)

(Engineering--Electronics, TT, v. 5, no. 10)

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DESCRIPTORS: *Transplantation, *Ovary, *Uterus,
Spleen, Sex glands, Secretion, *Pituitary hormones,
Endocrine glands

(Biological Sciences--Biochemistry, TT, v. 11, no. 5)

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Order from OTS or SLA \$1.10 61-23245

Trans. of Kislodod (USSR) 1957 [v. 10] no. 2, p. 27-33.

DESCRIPTORS: *Explosions, *Gases, Oils, Lubrica-
tion, Separation, *Hydrocarbons, Compressed air.

Explosions in plants producing gaseous oxygen can be
accounted for by the accumulation in the condenser of
the separating plant of volatile hydrocarbons formed as
a result of cracking of cylinder oils during compression
of the air in the final stages of the high-pressure air
compressors. (Author)

(Chemistry--Physical, TT, v. 6, no. 3)

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Various hydrocarbon fractions were collected by jump
freezing and subjected to explosibility tests in mix-
ture with liquid oxygen. Results indicate that selected
hydrocarbons other than acetylene may also be in-
volved in plant explosions. (Author)

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(Chemistry--Physical, TT, v. 5, no. 3)

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JPRS 7577

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ACSI I-6794
ID 2204011265-V

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Giuffrè, L. and Cassani, F.

CONTRIBUTION TO THE ANALYSIS OF DOUBLE
BONDS IN SYNTHETIC ELASTOMERS OF LOW
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Order from CTS(Chem) \$15.20
subsequent copies \$2.50/ea.

CTS(Chem)-347

Trans. of [la] Chimica e [l']Industria (Italy) 1963,
v. 45, no. 7, p. 806-812. (Abstract available)

DESCRIPTORS: *Elastomers, *Chemical bonds,
*Spectroscopy, Oxides, Colorimetry, Iodine, Ozone.

The paper deals with a critical study and the develop-
ment of two spectrophotometric methods for the de-
termination of double bonds in synthetic elastomers of
low unsaturation. Moreover, it describes the analytical
conditions of the halogenation method proposed by
Gallo, Wiese, and Nelson and gives a correction factor
useful in the determination of cyclooctadiene monomer
(Materials--Elastomers, TT, v. 11, no. 5) (over)

TT-64-12042

- I. Title: Ozonation
- I. Giuffrè, L.
- II. Cassani, F.
- III. CTS(Chem)-347
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Service, Palo Alto,
Calif.

Office of Technical Services

NCH-202 615

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